

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: H. FUKUSHIMA, et al
Serial No.: Not yet assigned
Filed: August 9, 2001
For: ROUTER DEVICE AND NETWORK SYSTEM USING THE SAME
Group: 2661
Examiner: B. Phunkulh

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

August 9, 2001

Sir:

The following amendments and remarks are respectfully
submitted prior to the Rule 53(b) Continuation Application
filed on even date.

IN THE SPECIFICATION

Please insert before the first line of the specification
the following:

-- This is a continuation of application Serial No.
09/478,537, filed January 6, 2000; which is a continuation of
application Serial No. 08/870,398, filed June 6, 1997. --

IN THE CLAIMS

Please cancel claims 2-25 without prejudice or disclaimer
of the subject matter thereof.

IN THE ABSTRACT

Please replace the original Abstract with the following new Abstract.

REMARKS

Entry of the above amendments prior to examination is respectfully requested.

Please charge any shortage in fees due in connection with the filing of this paper, or credit any overpayment of fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (501.35380CX2).

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



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ABSTRACT

A router device facilitates management of connection of a manager and assures communication quality of each of the connections. The router device determines a communication quality required by the communication of the packet in reference to a protocol information, an application acknowledging information and a priority information, transmits the control packet having the determined communication quality set therein to another router device contained in the same connection and further performs a traffic control (a preferential processing of a packet or the like) satisfying a communication quality indicated by the transmitted or received control packet in respect to the packet of the aforesaid connection.